

## DEPLOY IN KUBERNETES CLUSTER

|              |                                       |
|--------------|---------------------------------------|
| Date         | 11 November 2022                      |
| Team ID      | PNT2022TMID03356                      |
| Project Name | Smart Fashion Recommended Application |

### KUBERNETES WORKER NODE:

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| Name     | Status | Worker pool | Zone     | Private IP    | Public IP       | Version     |
|----------|--------|-------------|----------|---------------|-----------------|-------------|
| 0000008e | Normal | default     | Milan 01 | 10.144.217.55 | 159.122.179.192 | 1.24.6_1541 |

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1

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## KUBERNETE DEPLOYMENT:

The screenshot displays the Kubernetes dashboard interface. At the top, the 'kubernetes' logo is on the left, a 'default' namespace selector in the center, and a search bar on the right. A blue header bar contains the 'Workloads' menu. The left sidebar lists various Kubernetes resources: Workloads (with a count of 1), Cron Jobs, Daemon Sets, Deployments, Jobs, Pods, Replica Sets, Replication Controllers, and Stateful Sets. Below these are 'Service' (Ingresses: 1, Ingress Classes, Services: 1) and 'Config and Storage' (Config Maps: 1, Persistent Volume Claims: 1). The main content area is divided into two sections. The top section, 'Workload Status', features three large green circles representing the status of Deployments, Pods, and Replica Sets, each with a label 'Running: 1' below it. The bottom section, 'Deployments', contains a table with the following data:

| Name    | Images                   | Labels | Pods  | Created ↑   |
|---------|--------------------------|--------|-------|-------------|
| app-dep | <a href="#">Show all</a> | -      | 1 / 1 | an hour ago |

## KUBERNETE SERVICE PODS:

The screenshot displays the Kubernetes dashboard interface. At the top, there's a header with the Kubernetes logo, a namespace dropdown set to 'default', a search bar, and user/notification icons. A blue sidebar on the left contains navigation links for Workloads, Service, and Config and Storage. The main content area is divided into three sections: Deployments, Pods, and Replica Sets, each with a table of resources.

**Workloads**

- Workloads (N)
- Cron Jobs
- Daemon Sets
- Deployments
- Jobs
- Pods
- Replica Sets
- Replication Controllers
- Stateful Sets

**Service**

- Ingresses (N)
- Ingress Classes
- Services (N)

**Config and Storage**

- Config Maps (N)
- Persistent Volume Claims (N)

**Deployments**

| Name      | Images                   | Labels | Pods  | Created ↑   |
|-----------|--------------------------|--------|-------|-------------|
| ● app-dep | <a href="#">Show all</a> | -      | 1 / 1 | an hour ago |

**Pods**

| Name                      | Images                   | Labels                   | Node          | Status  | Restarts | CPU Usage (cores) | Memory Usage (bytes) | Created ↑   |
|---------------------------|--------------------------|--------------------------|---------------|---------|----------|-------------------|----------------------|-------------|
| ● app-dep-ff9596bdf-5hj8c | <a href="#">Show all</a> | <a href="#">Show all</a> | 10.144.217.55 | Running | 0        | 9.00m             | 50.65Mi              | an hour ago |

**Replica Sets**

| Name                | Images                   | Labels                   | Pods  | Created ↑   |
|---------------------|--------------------------|--------------------------|-------|-------------|
| ● app-dep-ff9596bdf | <a href="#">Show all</a> | <a href="#">Show all</a> | 1 / 1 | an hour ago |